Beamline 7ID Schedule

APS ICMS Document APS_1273684

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Beamline 7ID Schedule for 2008-3 (Final)

See this link for APS Operational data and schedules.
Here is the link for the FY2008 schedule of the APS.

Two period of 324 bunch mode runs are scheduled, from Oct. 29 - Nov 3 and from Dec. 11-22.
Note that from Nov. 5 to Nov. 18, the APS runs in hybrid mode with a large current singlet
of 16 mA. The run starts Oct 1st at 8am and ends Dec. 22, at 8am.

Schedule for the fall run of 2008
(period is called 2008-3 by APS)

Here is the link for the FY2008 schedule of the APS.
The (STAFF) flag indicates beamline staff time. The (PUP) label indicates beam
awarded to Partner User Proposals and each APS GUP proposal is labeled with its
proper number. A list of all current APS Partner User Proposals is available here.
The (COMM) label is reserved for commissioning and alignment. Special laser alignment
and commissioning period allocated by XOR management are labelled (ALIGN).

Dates	Shifts	User
10/01 8AM - 10/7 8AM	18	E. Dufresne, D. Walko, E. Landahl (7ID-C COMM 16 + 1 STAFF + 1 GUP-9879)
10/08 8AM - 10/14 8AM	18	D. Kumah (7ID-C GUP-8656 18)
10/15 8AM - 10/20 8AM	15	B. Adams (7ID-C STAFF 15)
10/22 8AM - 10/28 8AM	18	E. Dufresne, D. Walko (7ID-C 18 *Rapid Access* GUP-11582)
10/29 8AM - 11/03 8AM	15	Y. Sun (7ID-C GUP-8105 15)
11/05 8AM - 11/11 8AM	18	S. Lee (7ID-C *Rapid Access* GUP-11564 18)
11/12 8AM - 11/14 8AM	06	B. Adams, M. Chollet (7ID-C STAFF 6)

11/14 8AM - 11/18 8AM : 12 : X.-M. Lin, Y. Li (7ID-C STAFF 12)
11/19 8AM - 11/23 8AM : 12 : V. Stoica (7ID-C GUP-9911 12)
11/23 8AM - 11/27 0AM : 11 : D. Mazurenko (7ID-C GUP-9879 11)
11/28 8AM - 12/01 8AM : 09 : D. Mazurenko (7ID-C GUP-9879 9)
12/01 8AM - 12/02 8AM : 03 : L. Young (7ID-D PUP-71 3)
12/03 8AM - 12/09 8AM : 18 : L. Young (7ID-D PUP-71 18)
12/10 8AM - 12/16 8AM : 18 : C.Y. Cho, P. Evans (7ID-C GUP-10848 18)
12/17 8AM - 12/19 8AM : 06 : B. Adams w/ C. Rose-Petruck (7ID-C STAFF 6)
12/19 8AM - 12/22 8AM : 09 : A. Mukasyan (7ID-B *Rapid Access* GUP-9741 9)

Operational notes

The beam was down on Monday 10/6/2008 8PM to 4AM due to an IT server failure (beams)
that prevented our user to take beam.

On Oct 14, and 15, we have scheduled a service visit from Coherent. They replaced
many optical components and switch the laser repetition rate to 5 kHz. The laser will stay at
5 kHz during the 2008-3 run. We are hoping to get a laser permit shortly thereafter, possibly
by Oct. 17.

We obtained a laser permit on Thursday Oct. 23, 2008 to operate the laser in 7ID-C.
The rest of the week til Oct 28 was taken for testing the laser timing with a diffraction experiment.

The beam was down more than usual on the week starting 11/5. A trip seems to have been caused by work
on a labyrinth in 7BM-B.

There was a major IT and RF Booster problem on Dec 18, between 10h45 AM and 5 PM.
The RF problem started before, and the IT failure occurred after a power fault.
There was another RF problem that dumped the beam Dec 18, 9h12PM.
The beam was restored 14 hours later or so at 11h52AM on 12/19.

Allocation statistics

total	206 shifts
operation allowance (8%)	16 shifts
GUP baseline	190 shifts

	Avail. shifts	Allocated shifts
COMM (beamline alignment)	16	16
ALIGN (laser optimization)	0	

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Staff {20% of 190}        38      1+15+18+6=40
PUP-71                    27      18+3 = 21
Allocated GUP            125      18+1+18+15+18+12+20+18+9=129
total:                   206      206
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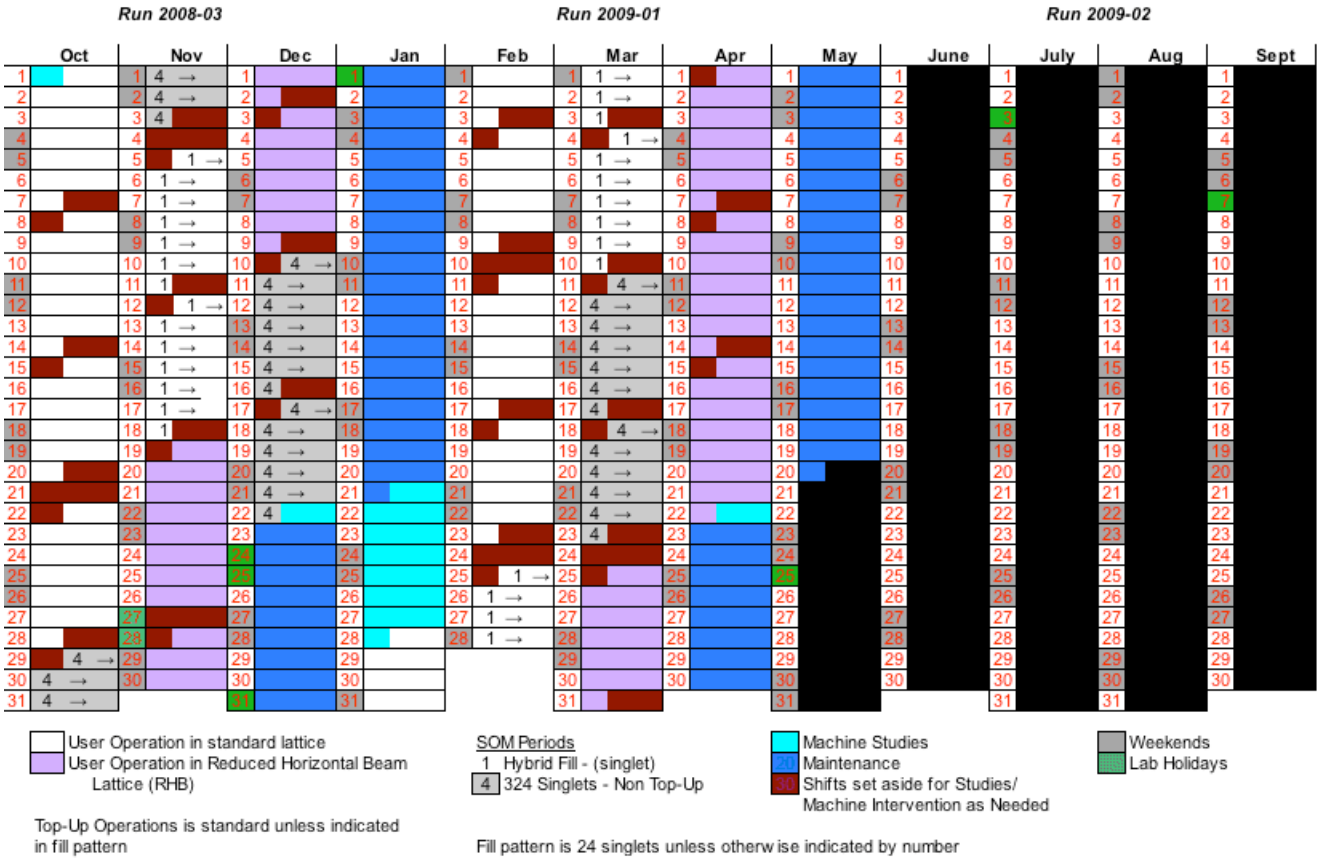
Last updated by Eric Dufresne on 01/22/2009 v9. Added in ICMS APS_1273684

APS FY 2009
Long Range Operations Schedule



Breakdown of User Shifts by Fill Pattern for FY2009

Number of 8-hour User Shifts

	24 Singlets - Top-Up	Hybrid Fill - Top-Up	324 Singlets - Non Top-Up	Total Shifts
Run 2008-3	122	36	48	206
Run 2009-1	141	36	33	210
Run 2009-2				
SUM	263	72	81	416

Lattice Parameters for FY 2009

Run 2008-03

	Default ID lattice functions			Special sectors	Special ID lattice functions		
Lattice name	BetaX	EtaX	BetaY		BetaX	EtaX	BetaY
Standard	20	0.17	3	None	N/A	N/A	N/A
RHB	20	0.17	3	32ID	4	0.07	5